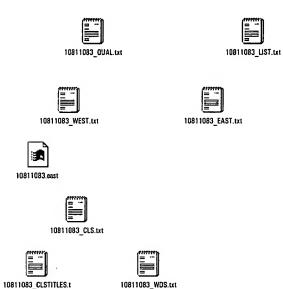|	
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Sent:	Thursday, February 10, 2005 2:07 PM
To:	Gregory, Bernarr
Subject:	PLUS Results for 10811083

Here are the PLUS search results for 10811083.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.

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10811083_LIST.txt

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PLUS Search Results for S/N 10811083, Searched February 10, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated sear
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system for U.S. Patents from 1971 to the present. PLUS is a
query-by-example search system which produces a list of patents that a
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most closely related linguistically to the application searched. This
search was prepared by the staff of the Scientific and Technical
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Most Frequently Occurring Classifications of Patents Returned
From A Search of 10811083 on February 10, 2005

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Cross-Reference Classifications
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Combined Classifications
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10811083_CLSTITLES
Titles of Most Frequently Occurring Classifications of Patents Returne
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From A Search of 10811083 on February 10, 2005

   11 341/67   (9 OR, 2 XR)
          Class   341 : CODED DATA GENERATION OR CONVERSION
          341/50   DIGITAL CODE TO DIGITAL CODE CONVERTERS
          341/67   .To or from variable length codes

    7 235/375   (3 OR, 4 XR)
          Class   235 : REGISTERS
          235/375   SYSTEMS CONTROLLED BY DATA BEARING RECORDS

    7 340/310.01   (1 OR, 6 XR)
          Class   340 : COMMUNICATIONS: ELECTRICAL
          340/286.01   SYSTEMS
          340/310.01   .Signal over power line

    7 340/310.06   (2 OR, 5 XR)
          Class   340 : COMMUNICATIONS: ELECTRICAL
          340/286.01   SYSTEMS
          340/310.01   .Signal over power line
          340/310.06   ..Bidirectional (e.g., with transceiver)'

    6 342/372   (4 OR, 2 XR)
          Class   342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                            AND DEVICES
          342/350   DIRECTIVE
          342/368   .Including a steerable array
          342/371   ..With electronic scanning
          342/372   ...Controlled

    6 342/70   (5 OR, 1 XR)
          Class   342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                            AND DEVICES
          342/61   RETURN SIGNAL CONTROLS EXTERNAL DEVICE
          342/70   .Radar mounted on and controls land vehicle

    5 340/310.07   (1 OR, 4 XR)
          Class   340 : COMMUNICATIONS: ELECTRICAL
          340/286.01   SYSTEMS
          340/310.01   .Signal over power line
          340/310.07   ..With inductive coupling (e.g., transformer o
r
                                torroid)

    5 341/107   (2 OR, 3 XR)

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        Class  341 :  CODED DATA GENERATION OR CONVERSION
        341/50        DIGITAL CODE TO DIGITAL CODE CONVERTERS
        341/107       .To or from code based on probability

5   342/115     (0 OR, 5 XR)
        Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                         AND DEVICES
        342/104       DETERMINING VELOCITY
        342/115       .Digital

5   342/159     (4 OR, 1 XR)
        Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                         AND DEVICES
        342/159       CLUTTER ELIMINATION

5   342/195     (1 OR, 4 XR)
        Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                         AND DEVICES
        342/175       WITH PARTICULAR CIRCUIT
        342/195       .Digital processing

5   342/72      (1 OR, 4 XR)
        Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                         AND DEVICES
        342/61        RETURN SIGNAL CONTROLS EXTERNAL DEVICE
        342/70        .Radar mounted on and controls land vehicle
        342/72        ..With control of safety device (e.g., air
                         bags)

5   380/240     (2 OR, 3 XR)
        Class  380 :  CRYPTOGRAPHY
        380/200       VIDEO CRYPTOGRAPHY
        380/210       .Video electric signal modification (e.g.,
                         scrambling)
        380/240       ..Including addressed decoder control signal

5   382/238     (4 OR, 1 XR)
        Class  382 :  IMAGE ANALYSIS
        382/232       IMAGE COMPRESSION OR CODING
        382/238       .Predictive coding

4   235/383     (1 OR, 3 XR)
        Class  235 :  REGISTERS
        235/375       SYSTEMS CONTROLLED BY DATA BEARING RECORDS
        235/383       .Mechanized store

4   340/3.21    (3 OR, 1 XR)
        Class  340 :  COMMUNICATIONS:  ELECTRICAL
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        340/825        SELECTIVE
        340/3.1        .Monitoring in addition to control (e.g.,
                           supervisory)
        340/3.2        ..Synchronization
        340/3.21       ...Time slot or packet

4   341/106        (0 OR, 4 XR)
        Class    341 :  CODED DATA GENERATION OR CONVERSION
        341/50         DIGITAL CODE TO DIGITAL CODE CONVERTERS
        341/106        .Coding by table look-up techniques

4   341/51         (3 OR, 1 XR)
        Class    341 :  CODED DATA GENERATION OR CONVERSION
        341/50         DIGITAL CODE TO DIGITAL CODE CONVERTERS
        341/51         .Adaptive coding

4   342/107        (0 OR, 4 XR)
        Class    342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                           AND DEVICES
        342/104        DETERMINING VELOCITY
        342/107        .Combined with determining distance and
                           direction

4   342/109        (1 OR, 3 XR)
        Class    342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                           AND DEVICES
        342/104        DETERMINING VELOCITY
        342/109        .Combined with determining distance

4   342/196        (1 OR, 3 XR)
        Class    342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                           AND DEVICES
        342/175        WITH PARTICULAR CIRCUIT
        342/195        .Digital processing
        342/196        ..Fast fourier transform (FFT)

4   342/373        (1 OR, 3 XR)
        Class    342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                           AND DEVICES
        342/350        DIRECTIVE
        342/368        .Including a steerable array
        342/373        ..With a matrix

4   342/71         (0 OR, 4 XR)
        Class    342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                           AND DEVICES
        342/61         RETURN SIGNAL CONTROLS EXTERNAL DEVICE
        342/70         .Radar mounted on and controls land vehicle
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          342/71         ..With control of brakes or steering

  4  382/245        (4 OR, 0 XR)
          Class   382 :  IMAGE ANALYSIS
          382/232          IMAGE COMPRESSION OR CODING
          382/244          .Lossless compression
          382/245          ..Run-length coding

  3  235/385        (0 OR, 3 XR)
          Class   235 :  REGISTERS
          235/375          SYSTEMS CONTROLLED BY DATA BEARING RECORDS
          235/385          .Inventory

  3  307/39         (0 OR, 3 XR)
          Class   307 :  ELECTRICAL TRANSMISSION OR INTERCONNECTION
                            SYSTEMS
          307/11           PLURAL LOAD CIRCUIT SYSTEMS
          307/38           .Selectively connected or controlled load
                             circuits
          307/39           ..Condition responsive

  3  340/310.03     (0 OR, 3 XR)
          Class   340 :  COMMUNICATIONS:  ELECTRICAL
          340/286.01       SYSTEMS
          340/310.01       .Signal over power line
          340/310.03       ..Noise reduction (e.g., filtering)

  3  341/63         (1 OR, 2 XR)
          Class   341 :  CODED DATA GENERATION OR CONVERSION
          341/50           DIGITAL CODE TO DIGITAL CODE CONVERTERS
          341/63           .To or from bit count codes

  3  342/104        (0 OR, 3 XR)
          Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                            AND DEVICES
          342/104          DETERMINING VELOCITY

  3  342/146        (0 OR, 3 XR)
          Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                            AND DEVICES
          342/118          DETERMINING DISTANCE
          342/146          .Combined with determining direction

  3  342/162        (0 OR, 3 XR)
          Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                            AND DEVICES
          342/159          CLUTTER ELIMINATION
          342/160          .MTI (Moving target indicator)
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           342/162        ..Digital

3  342/185        (2 OR, 1 XR)
       Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
       342/175          WITH PARTICULAR CIRCUIT
       342/176          .Display
       342/185          ..Scan conversion

3  342/189        (0 OR, 3 XR)
       Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
       342/175          WITH PARTICULAR CIRCUIT
       342/189          .For correlation

3  342/192        (1 OR, 2 XR)
       Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
       342/175          WITH PARTICULAR CIRCUIT
       342/192          .Spectrum analysis

3  342/25R        (3 OR, 0 XR)
       Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
       342/25R          SYNTHETIC APERTURE RADAR

3  342/374        (0 OR, 3 XR)
       Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
       342/350          DIRECTIVE
       342/368          .Including a steerable array
       342/374          ..With a switch

3  342/90         (1 OR, 2 XR)
       Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
       342/73           RETURN SIGNAL CONTROLS RADAR SYSTEM
       342/89           .Receiver
       342/90           ..Automatic target detection

3  348/409.1      (0 OR, 3 XR)
       Class  348 :  TELEVISION
       348/384.1        BANDWIDTH REDUCTION SYSTEM
       348/390.1        .Data rate reduction
       348/409.1        ..Involving difference transmission (e.g.,
                          predictive)

3  386/124        (1 OR, 2 XR)
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        Class   386 :  TELEVISION SIGNAL PROCESSING FOR DYNAMIC
                          RECORDING OR REPRODUCING
        386/46            PROCESSING OF TELEVISION SIGNAL FOR DYNAMIC
                          RECORDING OR REPRODUCING
        386/124           .Digital recording or reproducing


  3  700/227        (2 OR, 1 XR)
        Class   700 :  DATA PROCESSING:  GENERIC CONTROL SYSTEMS OR
                          SPECIFIC APPLICATIONS
        700/90            SPECIFIC APPLICATION, APPARATUS OR PROCESS
        700/213           .Article handling
        700/225           ..Having an identification code
        700/226           ...Identification code determines article
                             destination
        700/227           ....Preparation of an article for an
                             identification code (e.g., printing, encodi
ng)


  3  701/301        (0 OR, 3 XR)
        Class   701 :  DATA PROCESSING: VEHICLES, NAVIGATION, AND
                          RELATIVE LOCATION
        701/300           RELATIVE LOCATION
        701/301           .Collision avoidance


  3  704/212        (2 OR, 1 XR)
        Class   704 :  DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                          LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                          COMPRESSION/DECOMPRESSION
        704/200           SPEECH SIGNAL PROCESSING
        704/201           .For storage or transmission
        704/211           ..Time
        704/212           ...Pulse code modulation (PCM)


  3  705/14         (2 OR, 1 XR)
        Class   705 :  DATA PROCESSING: FINANCIAL, BUSINESS
                          PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
ATION
        705/1             AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
                          PRACTICE OR MANAGEMENT ARRANGEMENT
        705/14            .Distribution or redemption of coupon, or
                             incentive or promotion program


  3  707/10         (1 OR, 2 XR)
        Class   707 :  DATA PROCESSING:  DATABASE AND FILE
                          MANAGEMENT OR DATA STRUCTURES
        707/1             DATABASE OR FILE ACCESSING
        707/10            .Distributed or remote access
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   3   709/223          (3 OR, 0 XR)
             Class   709 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                               SYSTEMS:   MULTIPLE COMPUTER OR PROCESS    COO
RDINATING
             709/200          MULTICOMPUTER DATA TRANSFERRING
             709/223          .Computer network managing

   3   709/238          (0 OR, 3 XR)
             Class   709 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                               SYSTEMS:   MULTIPLE COMPUTER OR PROCESS    COO
RDINATING
             709/200          MULTICOMPUTER DATA TRANSFERRING
             709/238          .Computer-to-computer data routing

   3   714/4            (1 OR, 2 XR)
             Class   714 :   ERROR DETECTION/CORRECTION AND FAULT
                               DETECTION/RECOVERY
             714/100          DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

             714/1            .Reliability and availability
             714/2            ..Fault recovery
             714/3            ...By masking or reconfiguration
             714/4            ....Of network

   3   902/39           (0 OR, 3 XR)
             Class   902 :   ELECTRONIC FUNDS TRANSFER
             902/37           SYSTEM*
             902/39           .Particular communication feature

   2   178/30           (0 OR, 2 XR)
             Class   178 :   TELEGRAPHY
             178/2R           SYSTEMS
             178/23R          .Printing
             178/30           ..Character elements

   2   180/169          (0 OR, 2 XR)
             Class   180 :   MOTOR VEHICLES
             180/167          WITH MEANS FOR CONTROLLING OPERATION RESPONSIV
E
                              TO ELECTROMAGNETIC RADIATION, MAGNETIC FOR
CE, OR SOUND
                              WAVES RECEIVED FROM SOURCE, OR REFLECTED F
ROM OBJECT OR
                              SURFACE, LOCATED APART FROM VEHICLE
             180/169          .Radiation, force, or waves reflected from
                               external object or surface
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2  235/379       (1 OR, 1 XR)
      Class   235 :  REGISTERS
      235/375         SYSTEMS CONTROLLED BY DATA BEARING RECORDS
      235/379         .Banking systems

2  235/380       (1 OR, 1 XR)
      Class   235 :  REGISTERS
      235/375         SYSTEMS CONTROLLED BY DATA BEARING RECORDS
      235/380         .Credit or identification card systems

2  235/382       (0 OR, 2 XR)
      Class   235 :  REGISTERS
      235/375         SYSTEMS CONTROLLED BY DATA BEARING RECORDS
      235/380         .Credit or identification card systems
      235/382         ..Permitting access

2  235/432       (0 OR, 2 XR)
      Class   235 :  REGISTERS
      235/419         RECORD CONTROLLED CALCULATORS
      235/432         .With printing

2  235/454       (0 OR, 2 XR)
      Class   235 :  REGISTERS
      235/435         CODED RECORD SENSORS
      235/439         .Particular sensor structure
      235/454         ..Optical

2  235/462.16     (2 OR, 0 XR)
      Class   235 :  REGISTERS
      235/435         CODED RECORD SENSORS
      235/439         .Particular sensor structure
      235/454         ..Optical
      235/462.01      ...Bar code
      235/462.16      ....Bar width determination

2  235/462.19     (0 OR, 2 XR)
      Class   235 :  REGISTERS
      235/435         CODED RECORD SENSORS
      235/439         .Particular sensor structure
      235/454         ..Optical
      235/462.01      ...Bar code
      235/462.16      ....Bar width determination
      235/462.18      .....Using counter or timer
      235/462.19      ......Including count or time to binary
                          conversion (e.g., Wide=1, Narrow=0)

2  235/462.27     (0 OR, 2 XR)
      Class   235 :  REGISTERS
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        235/435        CODED RECORD SENSORS
        235/439        .Particular sensor structure
        235/454        ..Optical
        235/462.01     ...Bar code
        235/462.25     ....Reader processing circuitry
        235/462.27     .....Analog to square wave converter (e.g.,
                            digitizer, binarizer, slicer)

2  235/462.41     (0 OR, 2 XR)
        Class  235 :  REGISTERS
        235/435        CODED RECORD SENSORS
        235/439        .Particular sensor structure
        235/454        ..Optical
        235/462.01     ...Bar code
        235/462.41     ....Using an imager (e.g., CCD)

2  307/40          (1 OR, 1 XR)
        Class  307 :  ELECTRICAL TRANSMISSION OR INTERCONNECTION
                          SYSTEMS
        307/11         PLURAL LOAD CIRCUIT SYSTEMS
        307/38         .Selectively connected or controlled load
                            circuits
        307/40         ..Code-controlled

2  324/337         (0 OR, 2 XR)
        Class  324 :  ELECTRICITY:  MEASURING AND TESTING
        324/323        OF GEOPHYSICAL SURFACE OR SUBSURFACE IN SITU
        324/332        .With radiant energy or nonconductive-type
                            transmitter
        324/334        ..With separate pickup
        324/337        ...To detect return wave signals

2  327/295         (0 OR, 2 XR)
        Class  327 :  MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR
                          DEVICES, CIRCUITS, AND SYSTEMS
        327/100        SIGNAL CONVERTING, SHAPING, OR GENERATING
        327/291        .Clock or pulse waveform generating
        327/295        ..Plural outputs

2  331/78          (1 OR, 1 XR)
        Class  331 :  OSCILLATORS
        331/78         ELECTRICAL NOISE OR RANDOM WAVE GENERATOR

2  340/310.02      (0 OR, 2 XR)
        Class  340 :  COMMUNICATIONS:  ELECTRICAL
        340/286.01     SYSTEMS
        340/310.01     .Signal over power line
        340/310.02     ..Modulation technique
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2  340/505        (0 OR,  2 XR)
       Class   340 :  COMMUNICATIONS:  ELECTRICAL
       340/500       CONDITION RESPONSIVE INDICATING SYSTEM
       340/501       .With particular system function (e.g.,
                         temperature compensation, calibration)
       340/505       ..Interrogator-responder


2  340/538        (0 OR,  2 XR)
       Class   340 :  COMMUNICATIONS:  ELECTRICAL
       340/500       CONDITION RESPONSIVE INDICATING SYSTEM
       340/531       .With particular coupling link
       340/533       ..Wired
       340/538       ...Combined with power line


2  340/825.01     (1 OR,  1 XR)
       Class   340 :  COMMUNICATIONS:  ELECTRICAL
       340/825       SELECTIVE
       340/825.01    .Spare channel


2  340/825.52     (0 OR,  2 XR)
       Class   340 :  COMMUNICATIONS:  ELECTRICAL
       340/825       SELECTIVE
       340/825.52    .Addressing


2  340/870.02     (1 OR,  1 XR)
       Class   340 :  COMMUNICATIONS:  ELECTRICAL
       340/870.01    CONTINUOUSLY VARIABLE INDICATING (E.G.,
                         TELEMETERING)
       340/870.02    .With meter reading


2  342/137        (1 OR,  1 XR)
       Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                         AND DEVICES
       342/118       DETERMINING DISTANCE
       342/134       .With pulse modulation
       342/137       ..With variable pulse repetition frequency
                         (PRF) or pulse width


2  342/169        (1 OR,  1 XR)
       Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                         AND DEVICES
       342/165       TESTING OR CALIBRATING OF RADAR SYSTEM
       342/169       .By simulation


2  342/175        (0 OR,  2 XR)
       Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                         AND DEVICES
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        342/175        WITH PARTICULAR CIRCUIT

  2  342/194        (0 OR, 2 XR)
        Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                          AND DEVICES
        342/175        WITH PARTICULAR CIRCUIT
        342/194        .Complex signal (in phase and quadrature)

  2  342/22         (0 OR, 2 XR)
        Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                          AND DEVICES
        342/22         TRANSMISSION THROUGH MEDIA OTHER THAN AIR OR
                          FREE SPACE

  2  342/25F        (0 OR, 2 XR)
        Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                          AND DEVICES
        342/25R        SYNTHETIC APERTURE RADAR
        342/25A        .Mapping or imaging using synthetic aperture
                          radar
        342/25F        ..Particular SAR processing techniques (e.g.
                          squint mode, doppler beam-sharpening mode,
spotlight mode,
                          bistatic SAR, inverse SAR)

  2  342/368        (1 OR, 1 XR)
        Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                          AND DEVICES
        342/350        DIRECTIVE
        342/368        .Including a steerable array

  2  342/44         (1 OR, 1 XR)
        Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                          AND DEVICES
        342/42         RADAR TRANSPONDER SYSTEM
        342/44         .Unique identity

  2  342/451        (1 OR, 1 XR)
        Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                          AND DEVICES
        342/350        DIRECTIVE
        342/450        .Position indicating (e.g., triangulation)
        342/451        ..By computer

  2  342/81         (0 OR, 2 XR)
        Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                          AND DEVICES
        342/73         RETURN SIGNAL CONTROLS RADAR SYSTEM
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        342/74          .Antenna control
        342/81          ..Beam direction by phase or frequency control


2   342/91          (0 OR, 2 XR)
        Class   342 :   COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                            AND DEVICES
        342/73          RETURN SIGNAL CONTROLS RADAR SYSTEM
        342/89          .Receiver
        342/91          ..Gain or threshold

2   342/93          (2 OR, 0 XR)
        Class   342 :   COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                            AND DEVICES
        342/73          RETURN SIGNAL CONTROLS RADAR SYSTEM
        342/89          .Receiver
        342/91          ..Gain or threshold
        342/93          ...Constant false alarm rate (CFAR)

2   347/232         (0 OR, 2 XR)
        Class   347 :   INCREMENTAL PRINTING OF SYMBOLIC INFORMATION

        347/224         LIGHT OR BEAM MARKING APPARATUS OR PROCESSES
        347/225         .Scan of light
        347/232         ..Multicolor

2   347/237         (0 OR, 2 XR)
        Class   347 :   INCREMENTAL PRINTING OF SYMBOLIC INFORMATION

        347/224         LIGHT OR BEAM MARKING APPARATUS OR PROCESSES
        347/225         .Scan of light
        347/233         ..Plural beam scan
        347/237         ...Driving circuitry

2   355/1           (2 OR, 0 XR)
        Class   355 :   PHOTOCOPYING
        355/1           INCLUDING FIBER OPTICS

2   355/41          (0 OR, 2 XR)
        Class   355 :   PHOTOCOPYING
        355/18          PROJECTION PRINTING AND COPYING CAMERAS
        355/40          .Identifying, composing, or selecting
        355/41          ..Including photocell

2   356/141.1       (1 OR, 1 XR)
        Class   356 :   OPTICS:  MEASURING AND TESTING
        356/138         ANGLE MEASURING OR ANGULAR AXIAL ALIGNMENT
        356/140         .Apex of angle at observing or detecting
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station
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356/141.1      ..With photodetection of reflected beam angle
                 with respect to a unidirectional source bea
m

2  360/22         (2 OR, 0 XR)
      Class  360 :  DYNAMIC MAGNETIC INFORMATION STORAGE OR
                      RETRIEVAL
      360/22           SPLITTING ONE INFORMATION SIGNAL FOR RECORDING
                         ON PLURAL DISTINCT TRACKS OR REPRODUCING SU
CH SIGNAL

2  360/44         (0 OR, 2 XR)
      Class  360 :  DYNAMIC MAGNETIC INFORMATION STORAGE OR
                      RETRIEVAL
      360/39           GENERAL PROCESSING OF A DIGITAL SIGNAL
      360/40           .In specific code or form
      360/44           ..Intra-cell transition

2  360/51         (2 OR, 0 XR)
      Class  360 :  DYNAMIC MAGNETIC INFORMATION STORAGE OR
                      RETRIEVAL
      360/39           GENERAL PROCESSING OF A DIGITAL SIGNAL
      360/51           .Data clocking

2  360/57         (0 OR, 2 XR)
      Class  360 :  DYNAMIC MAGNETIC INFORMATION STORAGE OR
                      RETRIEVAL
      360/55           GENERAL RECORDING OR REPRODUCING
      360/57           .Selective erase recording

2  360/66         (0 OR, 2 XR)
      Class  360 :  DYNAMIC MAGNETIC INFORMATION STORAGE OR
                      RETRIEVAL
      360/55           GENERAL RECORDING OR REPRODUCING
      360/66           .Specifics of biasing or erasing

2  365/238.5      (0 OR, 2 XR)
      Class  365 :  STATIC INFORMATION STORAGE AND RETRIEVAL
      365/230.01       ADDRESSING
      365/238.5        .Byte or page addressing

2  365/239        (0 OR, 2 XR)
      Class  365 :  STATIC INFORMATION STORAGE AND RETRIEVAL
      365/230.01       ADDRESSING
      365/239          .Sequential

2  370/522        (1 OR, 1 XR)
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        Class   370 :  MULTIPLEX COMMUNICATIONS
        370/473         ..Transmission of a single message having
                          multiple packets
        370/498         .Combining or distributing information via tim
e
                          channels
        370/522         ..Signaling (ancillary to main information)


  2  375/219        (0 OR, 2 XR)
        Class   375 :  PULSE OR DIGITAL COMMUNICATIONS
        375/219         TRANSCEIVERS


  2  375/240        (0 OR, 2 XR)
        Class   375 :  PULSE OR DIGITAL COMMUNICATIONS
        375/240         BANDWIDTH REDUCTION OR EXPANSION


  2  375/240.07     (0 OR, 2 XR)
        Class   375 :  PULSE OR DIGITAL COMMUNICATIONS
        375/240         BANDWIDTH REDUCTION OR EXPANSION
        375/240.01      .Television or motion video signal
        375/240.02      ..Adaptive
        375/240.07      ...Feed back


  2  375/240.08     (2 OR, 0 XR)
        Class   375 :  PULSE OR DIGITAL COMMUNICATIONS
        375/240         BANDWIDTH REDUCTION OR EXPANSION
        375/240.01      .Television or motion video signal
        375/240.08      ..Feature based


  2  375/240.16     (1 OR, 1 XR)
        Class   375 :  PULSE OR DIGITAL COMMUNICATIONS
        375/240         BANDWIDTH REDUCTION OR EXPANSION
        375/240.01      .Television or motion video signal
       ,375/240.12      ..Predictive
        375/240.16      ...Motion vector


  2  375/240.2      (2 OR, 0 XR)
        Class   375 :  PULSE OR DIGITAL COMMUNICATIONS
        375/240         BANDWIDTH REDUCTION OR EXPANSION
        375/240.01      .Television or motion video signal
        375/240.18      ..Transform
        375/240.2       ...Discrete cosine


  2  375/240.24     (1 OR, 1 XR)
        Class   375 :  PULSE OR DIGITAL COMMUNICATIONS
        375/240         BANDWIDTH REDUCTION OR EXPANSION
        375/240.01      .Television or motion video signal
        375/240.24      ..Block coding
```

```
2  375/245        (1 OR, 1 XR)
        Class   375 :  PULSE OR DIGITAL COMMUNICATIONS
        375/242         PULSE CODE MODULATION
        375/244          .Differential
        375/245          ..Quantizer or inverse quantizer


2  375/259        (1 OR, 1 XR)
        Class   375 :  PULSE OR DIGITAL COMMUNICATIONS
        375/259         SYSTEMS USING ALTERNATING OR PULSATING CURRENT


2  375/267        (1 OR, 1 XR)
        Class   375 :  PULSE OR DIGITAL COMMUNICATIONS
        375/259         SYSTEMS USING ALTERNATING OR PULSATING CURRENT

        375/260          .Plural channels for transmission of a single
                            pulse train
        375/267          ..Diversity


2  375/369        (2 OR, 0 XR)
        Class   375 :  PULSE OR DIGITAL COMMUNICATIONS
        375/354         SYNCHRONIZERS
        375/362          .Frequency or phase control using synchronizin
g
                            signal
        375/369          ..Start - stop


2  379/106.07     (0 OR, 2 XR)
        Class   379 :  TELEPHONIC COMMUNICATIONS
        379/90.01       TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
                            ELECTRICAL SYSTEM OR SIGNALLING (E.G., C
OMPOSITE)
        379/106.01       .Remote indication over telephone line (e.g.,
                            telemetry)
        379/106.03       ..Meter reading
        379/106.07       ...Having interrogation signal


2  379/25          (0 OR, 2 XR)
        Class   379 :  TELEPHONIC COMMUNICATIONS
        379/1.01        DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR
                            ELECTRICAL CONDITION MEASUREMENT
        379/22           .Of trunk or long line
        379/25           ..Conductor identification or location


2  379/386          (0 OR, 2 XR)
        Class   379 :  TELEPHONIC COMMUNICATIONS
        379/350         SUPERVISORY OR CONTROL LINE SIGNALING
```

```
         379/386         .Signal receiver (e.g., tone decoder)

  2  379/93.14      (1 OR, 1 XR)
         Class   379 :  TELEPHONIC COMMUNICATIONS
         379/90.01       TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
                             ELECTRICAL SYSTEM OR SIGNALLING (E.G., CO
MPOSITE)
         379/93.01       .Having transmission of a digital message
                             signal over a telephone line
         379/93.14       ..Having switching station

  2  380/52         (0 OR, 2 XR)
         Class   380 :  CRYPTOGRAPHY
         380/287         ELECTRIC SIGNAL MODIFICATION
         380/52          .Including particular structure or housing
                             (e.g., display, keyboard)

  2  382/100        (1 OR, 1 XR)
         Class   382 :  IMAGE ANALYSIS
         382/100         APPLICATIONS

  2  382/155        (1 OR, 1 XR)
         Class   382 :  IMAGE ANALYSIS
         382/155         LEARNING SYSTEMS

  2  382/181        (0 OR, 2 XR)
         Class   382 :  IMAGE ANALYSIS
         382/181         PATTERN RECOGNITION

  2  382/224        (0 OR, 2 XR)
         Class   382 :  IMAGE ANALYSIS
         382/181         PATTERN RECOGNITION
         382/224         .Classification

  2  382/228        (2 OR, 0 XR)
         Class   382 :  IMAGE ANALYSIS
         382/181         PATTERN RECOGNITION
         382/224         .Classification
         382/228         ..Statistical decision process

  2  382/243        (0 OR, 2 XR)
         Class   382 :  IMAGE ANALYSIS
         382/232         IMAGE COMPRESSION OR CODING
         382/243         .Shape, icon, or feature-based compression

  2  382/246        (0 OR, 2 XR)
         Class   382 :  IMAGE ANALYSIS
         382/232         IMAGE COMPRESSION OR CODING
```

```
            382/244        .Lossless compression
            382/246        ..Huffman or variable-length coding

2  382/291        (0 OR, 2 XR)
            Class   382 :   IMAGE ANALYSIS
            382/276          IMAGE TRANSFORMATION OR PREPROCESSING
            382/286          .Measuring image properties (e.g., length,
                                width, or area)
            382/291          ..Determining the position of an object

2  455/418        (1 OR, 1 XR)
            Class   455 :   TELECOMMUNICATIONS
            455/403          RADIOTELEPHONE SYSTEM
            455/418          .Programming control

2  455/556.1      (2 OR, 0 XR)
            Class   455 :   TELECOMMUNICATIONS
            455/73           TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

                                TRANSCEIVER)
            455/550.1        .Radiotelephone equipment detail
            455/556.1        ..Integrated with other device

2  455/557        (0 OR, 2 XR)
            Class   455 :   TELECOMMUNICATIONS
            455/73           TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

                                TRANSCEIVER)
            455/550.1        .Radiotelephone equipment detail
            455/557          ..Interface attached device (e.g., interface
                                with modem, facsimile, computer, etc.)

2  455/564        (0 OR, 2 XR)
            Class   455 :   TELECOMMUNICATIONS
            455/73           TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

                                TRANSCEIVER)
            455/550.1        .Radiotelephone equipment detail
            455/564          ..Auto-dialing or repertory dialing (e.g.,
                                using bar code, etc.)

2  455/8          (0 OR, 2 XR)
            Class   455 :   TELECOMMUNICATIONS
            455/7            CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,
                                RETRANSMISSION OF SAME INFORMATION)
            455/8            .Failure compensation (e.g., spare channel)

2  600/592        (2 OR, 0 XR)
```

```
        Class    600 :  SURGERY
        600/300         DIAGNOSTIC TESTING
        600/587         .Measuring anatomical characteristic or force
                            applied to or exerted by body
        600/592         ..Foot

2   700/295          (2 OR, 0 XR)
        Class    700 :  DATA PROCESSING:  GENERIC CONTROL SYSTEMS OR
                            SPECIFIC APPLICATIONS
        700/90          SPECIFIC APPLICATION, APPARATUS OR PROCESS
        700/286         .Electrical power generation or distribution
                            system
        700/295         ..Power allocation management (e.g., load
                            adding/shedding)

2   702/3            (2 OR, 0 XR)
        Class    702 :  DATA PROCESSING: MEASURING, CALIBRATING, OR
                            TESTING
        702/1           MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
        702/2           .Earth science
        702/3           ..Weather

2   704/220          (2 OR, 0 XR)
        Class    704 :  DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                            LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                            COMPRESSION/DECOMPRESSION
        704/200         SPEECH SIGNAL PROCESSING
        704/201         .For storage or transmission
        704/220         ..Analysis by synthesis

2   705/1            (0 OR, 2 XR)
        Class    705 :  DATA PROCESSING: FINANCIAL, BUSINESS
                            PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
ATION
        705/1           AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
                            PRACTICE OR MANAGEMENT ARRANGEMENT

2   705/408          (0 OR, 2 XR)
        Class    705 :  DATA PROCESSING: FINANCIAL, BUSINESS
                            PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
ATION
        705/400         FOR COST/PRICE
        705/401         .Postage meter system
        705/408         ..Specific printing

2   705/410          (1 OR, 1 XR)
        Class    705 :  DATA PROCESSING: FINANCIAL, BUSINESS
```

PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
ATION
```
         705/400      FOR COST/PRICE
         705/401      .Postage meter system
         705/410      ..Specialized function performed
```

```
  2  705/51        (1 OR, 1 XR)
,        Class   705 :  DATA PROCESSING: FINANCIAL, BUSINESS
                        PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
ATION
         705/50       BUSINESS PROCESSING USING CRYPTOGRAPHY
         705/51       .Usage protection of distributed data files
```

```
  2  708/319       (0 OR, 2 XR)
         Class   708 :  ELECTRICAL COMPUTERS:  ARITHMETIC PROCESSING
                        AND CALCULATING
         708/100      ELECTRICAL DIGITAL CALCULATING COMPUTER
         708/200      .Particular function performed
         708/300      ..Filtering
         708/319      ...Transversal
```

```
  2  709/224       (2 OR, 0 XR)
         Class   709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS:  MULTIPLE COMPUTER OR PROCESS   COO
RDINATING
         709/200      MULTICOMPUTER DATA TRANSFERRING
         709/223      .Computer network managing
         709/224      ..Computer network monitoring
```

```
  2  710/31        (2 OR, 0 XR)
         Class   710 :  ELECTRICAL COMPUTERS AND DIGITAL DATA
                        PROCESSING SYSTEMS:  INPUT/OUTPUT
         710/1        INPUT/OUTPUT DATA PROCESSING
         710/31       .Transfer direction selection
```

```
  2  713/200       (2 OR, 0 XR)
         Class   713 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS:  SUPPORT
         713/200      SECURITY
```

```
  2  714/6         (2 OR, 0 XR)
         Class   714 :  ERROR DETECTION/CORRECTION AND FAULT
                        DETECTION/RECOVERY
         714/100      DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

         714/1        .Reliability and availability
         714/2        ..Fault recovery
         714/3        ...By masking or reconfiguration
```

```
       714/5          ....Of memory or peripheral subsystem
       714/6          .....Redundant stored data accessed (e.g.,
                         duplicated data, error correction coded dat
a, or other

                      parity-type data)

  2  714/746        (2 OR, 0 XR)
       Class   714 :   ERROR DETECTION/CORRECTION AND FAULT
                         DETECTION/RECOVERY
       714/699          PULSE OR DATA ERROR HANDLING
       714/746          .Digital data error correction

  2  714/763        (0 OR, 2 XR)
       Class   714 :   ERROR DETECTION/CORRECTION AND FAULT
                         DETECTION/RECOVERY
       714/699          PULSE OR DATA ERROR HANDLING
       714/746          .Digital data error correction
       714/752          ..Forward correction by block code
       714/763          ...Memory access

  2  714/807        (1 OR, 1 XR)
       Class   714 :   ERROR DETECTION/CORRECTION AND FAULT
                         DETECTION/RECOVERY
       714/699          PULSE OR DATA ERROR HANDLING
       714/799          .Error/fault detection technique
       714/807          ..Check character

  2  719/315        (0 OR, 2 XR)
       Class   719 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                         SYSTEMS: INTERPROGRAM COMMUNICATION OR INTER
PROCESS
                         COMMUNICATION (IPC)
       719/313          INTERPROGRAM COMMUNICATION USING MESSAGE
       719/315          .Object oriented message

  2  725/131        (1 OR, 1 XR)
       Class   725 :   INTERACTIVE VIDEO DISTRIBUTION SYSTEMS
       725/105          VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM
                         COMMUNICATION
       725/131          .Receiver (e.g., set-top box)

  2  902/4          (0 OR, 2 XR)
       Class   902 :   ELECTRONIC FUNDS TRANSFER
       902/1            WITH ELECTRONIC MEANS PROVIDING SECURITY
       902/4            .Means to read data stored on identifier*
```

above 1
abstract 1
accompanying 1
accorded 1
according 18
accordingly 2
accovding 1
achieve 1
actual 1
adjusted 1
afterwards 2
all 7
allows 1
also 2
altered 1
an 5
analogously 1
analysis 1
and 94
any 2
apparatus 4
apparent 1
appears 2
appended 1
application 1
appreciated 1
are 49
area 5
arrangements 2
art 2
as 23
aspects 1
attached 2
background 1
based 2
basically 1
be 12
becomes 2
been 3
between 18
boxes 7
brief 1
broadest 1
by 14
cable 1
calculated 7
calculates 5
calculating 1

calculation 6
can 8
carrying 1
cd 1
center 2
certain 1
characteristics 2
chine 1
circles 1
circuits 1
claims 1
client 15
climate 1
code 93
collected 2
collecting 2
collection 24
combination 4
combined 3
combines 3
compared 4
compares 2
comparing 1
comparison 5
compos 1
composed 5
comprises 10
computer 10
contrary 1
control 27
conventional 1
correspond 2
corresponding 14
corresponds 7
cover 1
creates 1
data 133
dedicated 1
depending 1
depicted 1
described 3
description 5
detailed 2
detection 1
determined 4
determining 1
diagram 10
diagrams 2

different 1
disclosed 7
discloses 2
disclosure 1
diskettes 1
displays 2
distance 20
distances 16
distribute 1
distributed 7
distributing 3
distribution 144
divided 1
divides 1
dotted 1
drawings 2
drives 1
dynamic 1
each 25
efficient 1
electrical 1
embodied 2
embodiment 10
embodiments 2
encompass 1
eode 1
equal 1
especially 1
established 2
example 3
examples 1
executed 4
executes 2
exemplary 1
fiberoptics 1
field 1
fig 24
file 15
fina 6
final 9
finally 1
first 10
five 1
floppy 1
flowchart 2
following 1
for 45
foregoing 2

form 3
four 1
fourth 4
from 1
fully 1
further 4
furthermore 1
general 1
generally 1
geographic 7
geography 1
given 1
group 37
groups 50
hard 1
has 14
having 3
here 4
herein 1
highest 6
hills 1
human 1
identified 1
if 11
illustrated 1
implemented 4
in 47
includes 3
instructions 1
intended 1
interpretation 1
into 8
invention 21
is 67
island 1
it 4
kevin 15
left 1
level 12
levels 17
limited 1
lines 1
loaded 2
logic 5
machine 8
made 1
mainly 1
may 2

measured 2
measurements 1
media 1
medium 6
mentioned 4
method 20
methods 2
minals 1
modifications 2
module 31
modules 2
more 2
moreover 1
mosaic 13
mountains 2
navigation 1
necessary 1
next 4
none 1
normally 1
not 4
object 1
objects 1
of 57
on 3
one 7
operates 1
operations 1
or 8
order 4
ordey 1
other 4
over 6
page 15
particular 1
plains 1
portions 1
practicing 2
preferred 1
present 12
presents 1
previous 2
priority 29
problem 1
processing 6
processor 2
produced 5
program 10

progress 1
provide 3
provided 2
providing 4
purpose 1
radar 94
range 1
ranges 1
readable 5
reading 1
received 5
receives 4
receiving 5
redistribute 1
redistributes 1
reduce 1
reducing 2
redundancy 2
ref 15
references 1
related 1
relates 1
relationships 1
remaining 1
repeated 16
repeatedly 8
represent 3
representing 2
requirements 1
resource 1
result 5
results 1
right 2
robust 1
roms 1
rule 14
rules 2
same 6
scope 1
sea 1
second 20
select 1
selected 37
selection 3
selects 3
shortest 16
should 1
shown 6

shows 1
side 3
similar 3
similarly 1
skilled 1
slo 1
so 1
solution 1
sort 7
sorted 1
source 88
sources 1
space 2
specific 1
step 10
steps 5
storage 44
store 1
stored 2
stores 4
storing 6
such 12
summarized 1
summary 1
superficial 1
system 11
systematic 2
systems 1
take 1
tangible 1
te 1
technology 2
teresa 15
terminal 33
terminals 64
terms 1
that 3
the 311
then 2
there 1
thereafter 1
therefore 1
therein 4
thereof 1
thereto 1
third 8
those 1
thus 7

title 1
to 61
topography 1
transmission 2
transmitted 1
triangles 1
turn 1
understood 2
unique 1
unselected 4
until 5
us 15
use 1
using 1
various 2
voluminous 1
wasted 1
way 1
when 3
wherein 3
whether 1
which 8
while 1
will 1
wire 1
with 13
would 1